3 BASIC LITERATURE AND REFERENCES

3.1 This section is intended to introduce the trainee to the pertinent technical literature available. In some instances, it may be helpful to demonstrate the usefulness of certain works. Other pertinent references are listed in the Reference sections of this manual. The trainee must have a working knowledge of the sources most frequently used, including but not restricted to the following:

3.1.1 *United States Pharmacopeia/National Formulary*

3.1.2 *Merck Index*

3.1.3 *Physician's Desk Reference*

3.1.4 *DEA Logo INDEX*

3.1.5 Horwitz, *Official Methods of Analysis of the Association of Official Analytical Chemists*

3.1.6 Schirmer, *Modern Methods of Pharmaceutical Analysis*

3.1.7 Clarke, *Isolation and Identification of Drugs*, Volumes 1, Second Edition and 2, First Edition

3.1.8 Florey, *Analytical Profiles of Drug Substances*, Volumes 1 – 20

3.1.9 Brittain, *Analytical Profiles of Drug Substances*, Volumes 21-29

3.1.10 Moffat, *Clarke's Isolation and Identification of Drugs*

3.1.11 Mills, et al, *Instrumental Data for Drug Analysis*, Volumes I - VII

3.1.12 Schultes and Hofmann, *The Botany and Chemistry of Hallucinogens*

3.1.13 Bailey and Rothblatt, *Handling Narcotic and Drug Cases*

3.1.14 Feigl, *Spot Tests in Organic Analysis*

3.1.15 *Alphabetical Listing of Drug Products/Distributors* - DEA Publication

3.1.16 *Analysis of Drugs* - DEA Publication

3.1.17 *Microgram*

3.1.18 McLafferty, F. W., *Interpretation of Mass Spectra*, Second Edition

3.1.19 Sunshine, I., *Handbook of Mass Spectra of Drugs*

3.1.20 Willard, Merritt & Dean, *Instrumental Methods of Analysis*

3.1.21 McFadden,W. H. , *Techniques of Combined Gas Chromatography/Mass Spectrography; Application in Organic Analysis*

3.1.22 Beynon, Saunders and Williams, *The Mass Spectra of Organic Molecules.*

3.1.23 Watson, J. T., *Introduction to Mass Spectrometry; Biomedical, Environmental and Forensic Applications*

3.1.24 Marnell, Tim, editor. *Drug Identification Bible*, Fourth Edition. Grand Junction: Amera-Chem, Inc., 1999.

3.1.25 Silverstein, R. M. *et al*. *Spectrometric Identification of Organic Compounds* New York: John Wiley & Sons, 1991.

3.1.26 CND ANALYTICAL REFERENCES

- Amphetamines and related phenethylamines
- Substituted 3,4 Methylenedioxyamphetamines
- Cocaine, Local Anesthetics, and common diluents
- Precursors and Chemicals
- Methylaminorex and analogs
- Narcotics
- Anabolic Steroids
- Hallucinogens
- Barbiturates

3.1.27 Drozd, J., *Chemical Derivatization in Gas Chromatography*

3.1.28 Saferstein, Richard, *Forensic Science Handbook*, Volume II

3.1.29 Watson, J.T., *Introduction of Mass Spectrometry*, 3rd Edition

3.1.30 *Basic Training Program of Forensic Drug Chemists*, D.E.A. Publication

3.1.31 Course Materials from the VCU Drug Analysis I and Drug Analysis II courses, including PowerPoint presentations and handouts

3.1.32 The following ACS Audio Courses are also available:

- Basic Gas Chromatography
- Modern Liquid Chromatography, First Edition
- Modern Liquid Chromatography, Second Edition
- Modern Liquid Chromatography, Special Topics
- Thin Layer Chromatography
- Probability and Statistics for Chemists
- Practical Technical Writing
- Interpretation of Mass Spectra

♦ End